



SEQUENCE LISTING

<110> NAKASHIMA, Nobuhiko
KANAMORI, Yasushi

<120> A Novel Higher-Order Structure With Promoting Translation Activity

<130> 3190-015

<140> US 10/088,750
<141> 2002-03-20

<150> JP P2001-016746
<151> 2001-01-25

<150> PCT/JP01/00641
<151> 2001-01-31

<160> 12

<170> PatentIn version 3.2

<210> 1
<211> 200

<212> RNA
<213> *Plautia stali* Intestine Virus

<400> 1
gacuauguga ucuuauuaaa auuagguuua auuucgaggu uaaaaauagu uuuauauuug 60
cuauagucuu agaggucuuug uauauuuuaa cuuaccacac aagauggacc ggagcagccc 120
uccaaauaucu aguguacccu cgugcucgcu caaacauuaa gugguguugu gcgaaaagaa 180
ucucacuuca agaaaaagaa 200

<210> 2
<211> 199
<212> RNA
<213> *Himetobi* P Virus

<400> 2
aaaaaugugu gaucugauua gaaguaagaa aauuccuagu uauauauuu uuaauacugc 60
uacauuuuuua agacccuuuag uuauuuuagcu uuaccgccc ggauggggug cagcguuccu 120
gcaauaucca gggcaccuag gugcagccuu guaguuuuag uggacuuuag gcuaaagaau 180
uucacuagca aauaauuaau 199

<210> 3
<211> 201
<212> RNA
<213> *Drosophila* C Virus

<400> 3
guuaagaugu gaucuugcuu ccuuauacaa uuuugagagg uuaauaagaa ggaaguagug 60
cuaucuuauu aauuagguua acuaauuagu uuuacuguuc aggaugccua uuggcagccc 120
cauaauaucc aggacacccu cucugcuiucu uauaugauua gguugucauu uagaauuaaga 180

<210> 4
 <211> 200
 <212> RNA
 <213> Cricket Paralysis Virus

<400> 4
 caaaaaaugug aucuugcuug uaaaaacaaau uuugagaggu uaaaaaaauua caaguagugc 60
 uaaaaaaaaua uuuagguuag cuuuuagcu uuacguucca ggaugccuag ugccagcccc 120
 acaauaucca ggaagccuc ucugcgguuu uucagauuag guagucgaaa aaccuaagaa 180
 auuuaccugc uacauuucaa 200

<210> 5
 <211> 198
 <212> RNA
 <213> Triatoma Virus

<400> 5
 uugacuaugu gaucuugcuu ucguaaaaaa aucuguacau aaaagucgaa aguauugcua 60
 uaguuaaggu ugccuugcc uaaaaaggca uacuucucag gauggcgcgu ugcauccaa 120
 caagauccag ggacuguaca gaauuuuccu auaccucgag ucggguuugg aaucuaaggu 180
 ugacucgcug uaaaaaua 198

<210> 6
 <211> 202
 <212> RNA
 <213> Black Queen-Cell Virus

<400> 6
 ccaacaaugu gaucuugcuu gcggaggcaa aauuugcaca guaaaaauc ugcaaguagu 60
 gcuauuguug gaaucaccgu accuauuuag guuuacgcuc caagaucggu ggauagcagc 120
 ccuaucuaaua ucuaggagaa cugugcuaug uuuagaagau uagguagucu cuaaacagaa 180
 caauuuaccu gcugaacaaa uu 202

<210> 7
 <211> 187
 <212> RNA
 <213> Rhopalosiphum Padi Virus

<400> 7
 aguguugugu gaucuugcgc gauaaaugcu gacgugaaaa cguugcguau ugcuacaaca 60
 cuugguuagc uauuuagcuu uacuaaucaa gacgccguag ugcaagccac aaaagucuag 120
 auacgucaca ggagagcaua cgcuaggucg cguugacuau ccuaucuaau gaccugcaaa 180
 uauaaac 187

<210> 8
 <211> 29

<212> DNA
<213> Artificial

<220>
<223> The sequence was synthesized for use as a forward primer.

<400> 8
ggttaaattt caggtaaaaa attgctata 29

<210> 9
<211> 35
<212> DNA
<213> Artificial

<220>
<223> The sequence was synthesized for use as a reverse primer.

<400> 9
cctcgaattt taaccagatc acatagtcag ctttc 35

<210> 10
<211> 281
<212> RNA
<213> Unknown

<220>
<223> The sequence is used only to illustrate secondary structures predicted by a computer program, MFOLD, as shown in Fig. 3.

<400> 10
cgugucgaa guagaauuuuc uaucucgaca cgcggccuuc caagcaguua gggaaaccga 60
cuucuuugaa gaagaaagcu gacuauguga ucuuauuaaa auuggauua auuucgaggu 120
uaauaaaaagu uuuuauauug cuauagucuu agaggucuug uauauuuuaa cuuaccacac 180
aagauggacc ggagcagccc uccaaauaucu aguguacccu cgugcucgcu caaacauuaa 240
gugguguugu gcgaaaagaa ucucacuuca agaaaaagaa u 281

<210> 11
<211> 16
<212> RNA
<213> Unknown

<220>
<223> The sequence is used only to illustrate aspects of higher order structures on protein synthesis in Fig. 8A.

<400> 11
aacauuaagu gguguu 16

<210> 12
<211> 16
<212> RNA
<213> Unknown

<220>
<223> The sequence is used only to illustrate aspects of higher order structures on protein synthesis in Fig. 8A.

<400> 12
aacauugggu gguguu

16